Safety Instructions

Note to CATV system installer : This reminder is provided to call CATV system installer's attention to Article 820-40 of the National Electrical Code (Section 54 of Canadian Electrical Code, Part I) that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of fire or electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Caution : FCC regulations state that any unauthorized changes or modifications to this equipment may void the user's authority to operate it.

Caution : To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Attention : Pour eviter les chocs electriques, introduire la lame le plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

Important : One Federal Court has held that unauthorized recording of copyrighted TV programs is an infringement of U.S. copyright laws.
Certain Canadian programs may be copyrighted and any unauthorized recording in whole or in part may be a violation of these rights.

To prevent damage which may result in fire or electric shock hazard, do not expose this appliance to rain or moisture.

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Features

- Hi-Fi Stereo sound (VR8460 only)
- Plug and Play
- 24Hours X 7 Days Timer Back-up
- Rewinds a T-120 in about 100 seconds
- One Touch Recording (OTR) up to four hours
- Tri-lingual on-screen programming (English/Spanish/French)
- Auto Clock Set

Accessories

Check to make sure the following items have been included with your VCR.

Remote Control AC59-00046G

Batteries for remote (2AA) AC43-12002J

RCA cable for Audio/Video Connection AC97-01746A

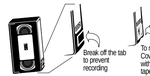
Owner's Manual AC68-02094A

Registration Card AD68-00078A

Loading the Batteries

Battery replacement caution
- Do not mix old and new batteries
- Do not mix alkaline with manganese batteries

Prevent Accidental Tape Erasure



Head Cleaning

Old or damaged tapes may clog heads

■ **Use "dry" type head cleaning cassette only.**
Follow cleaning tape instructions carefully.

■ Excessive use of tape can shorten head life.

Cleaning the VCR

Use soft, dry cloth of dusting attachment of a vacuum to remove dust from all cabinet vent holes.
You may moisten cloth with nonabrasive, antistatic cleaner/polisher.

Caution ■ Alcohol and various solvents could damage your VCR.

Features Quality

■ **Digital Auto Tracking**
Continuously analyzes the signal and adjusts for optimum picture quality.

■ **Manual Tracking Control (to reduce picture noise)**
Use during Playback and Slow Motion mode to reduce picture noise
Press the **CH/TRK ▲ / ▼** button on the remote control or on the VCR until the picture clears up to return to Auto Tracking. Press the **EJECT** button to eject the tape and insert a tape again. Auto Tracking will be operate automatically.

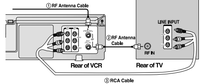
● Safety Instructions ● Features ● Accessories

Caution ■ Please make all cable or antenna connections before plugging in to the AC outlet.
■ Plugging the VCR Power Cord into an AC wall outlet starts auto channel and clock set.

Basic Connections / Auto Setup

You will need to connect the VCR to a TV and run Auto Setup.The Auto Setup will automatically search for channels and then set your VCR's internal clock.

1. Connect the RF Antenna Cable ① to your VCR
Connect an external indoor/outdoor antenna or wall outlet antenna cable to the Ant-In jack on the rear panel.



2. Connect your VCR to a TV

RF Connection
Using the RF antenna cable ②, connect the OUT jack (TO TV) on the rear panel of your VCR to your TV's Antenna Input.

Line Connection
Using an RCA-type audio/video cable ① (red, white, yellow), connect the LINE OUT jacks on the rear panel of your VCR to your TV's Line In jacks.
Use the three cable as follows: red for right audio, white for left audio, and yellow for video.

To enjoy VCR, you must connect the RCA Cable ① and RF antenna Cable ②

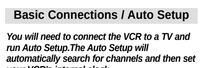
To view VCR, you must select "Line input" mode on your TV

REMARK : You cannot watch the VCR through the RF connection. The RF out sends antenna and cable signals only.

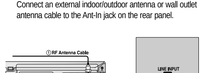
Warning ■ Over tightening "Nut type" RF coaxial cables may damage jack. Finger tighten only. Don't use tool.

Automatically Setting the Clock

1. Press the MENU button on the remote control. Press the ▼ and ▶ buttons to select "Clock set/adjust"



2. Press the ▶ button to select AUTO.



3. Clock data CH :
If you select AUTO, the VCR will automatically turn to a channel providing time data.

Time zone :
If you select AUTO for your time zone, the VCR sets the clock using the first Coordinated Universal Time information it finds.
If time is not correct, select another time zone.

Daylight Savings Time :
If you select AUTO, the VCR sets the clock using the DST information broadcast in the signal (channel). If you select YES, Daylight Savings Time is observed.

4. Press the MENU button when you finish setting the clock.

Manual Clock Set

If Auto Clock Set was incomplete

1. Press the MENU button on the remote control. Select "Clock set/adjust" and "Manual".

2. To enter current time using the ▲ / ▼ buttons then press the ▶ button to move to the next setting.

3. To enter month, date and year in the same way.

4. Press the MENU button to start the clock and exit.

● Connecting ● Tape Controls

Tape Controls

■ **Playback a Tape**

1. Insert a tape.
Loose or peeling labels may cause tape jam.

2. Press the PLAY button to play tape.
If Auto play is selected and the video tape has no safety tab, it will begin playing automatically when you insert in the VCR.

Special Features During Play

■ **Forward/Reverse Scene Search**

1. Press the **FF** or **REW** button during playing.

2. After search has begun, the speed of search is changed with the duration of press of **FF** or **REW** button as shown below.
[SLP] : Approx 21X ↔ approx 9X
[SP] : Approx 7X ↔ approx 3X

3. Release button to play.

Notes ■ Picture interruption may occur with some TVs.
■ FF and REW search speed may vary depending on current tape position.

■ **Still(Freeze) Picture**

1. Press the **PLAY** button during playing.

2. Press the **PLAY** button to release.

■ **Frame by Frame Picture**

1. Press the **F.ADVSKIP** button repeatedly in still mode.

2. Press the **PLAY** button to release.

3. For Skip Search, press the **F.ADVSKIP** button once to skip ahead 30 seconds, twice 60 seconds and up to four times 120 seconds in play mode.

■ **Replay Picture**

1. Press the **REPLAY** button on the remote control.

2. VCR will rewind for about 5 seconds in SP mode or about 15 seconds in SLP mode, then play back the section again.

Special Features During Play

■ **Slow Motion Picture**

1. Press the **Slow +** or **-** button while a cassette is playing.

2. Press the **Slow** buttons repeatedly to vary slow motion speed from 1/5 to 1/30 of normal playback.

3. Press the **PLAY** button twice to release.

■ **Eject a Tape**

● Press the **EJECT** button on remote or the **EJECT** button on VCR to eject tape.

■ **Record on a Tape**

1. Insert a tape with a record tab. Check the record speed.

2. Select a channel to record by pressing the **CH/TRK ▲ / ▼** or number buttons.

3. Press the **REC** button on the remote control of the front of the VCR. The REC indicator will light. To edit, press the **PAUSE** button to pause and again to resume recording.

4. Press the **STOP** button to stop recording.

■ **One Touch Recording (recording in progress)**

1. Press the **REC** button repeatedly to set length as follows.

2. Record Time
Not timed → 30min → 1 hr → 1:30 → 2:00 → 3:00 → 4:00 → Not timed

3. The VCR shuts off at the length set.

■ **Separate Recording and Viewing**
Select the channel with the **TV's channel** buttons.

■ **Select channels on VCR (in STOP or PAUSE mode)**
Select channels on VCR.

Notes ■ Watching one channel and recording another is not possible when using Cable Box or DSS Receiver. After 5 minutes in Pause mode, VCR stops to protect the tape and the video heads.

Timer Recording

1. "To display a timer recording list, press the MENU and ▶ button on the remote control."
Loose or peeling labels may cause tape jam.

2. Press the ▶ and ▲, ▼ buttons to set the channel.
Press the ▶ button to move to the next setting.

3. "Repeat step 2 to set start time, end time, date and record speed."
Loose or peeling labels may cause tape jam.

4. Press the MENU button to complete programming the timer recording. Stop the VCR or turn the power off.
To stop a timer recording , press the **VCR** power button.

Notes ■ When using a cable decoder box or DSS make sure the decoder box is on and set to the correct channel for timer recording.

Changing or Canceling a timer recording

■ **To change the Timer Program**
Repeat steps 1 to 4

■ **To cancel the Timer Program**
Select the program you want to cancel in the timer recording list.
Press the **CLEAR** button twice on the remote or the **EJECT** button on the VCR to clear the Timer Program settings.

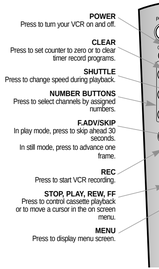
Tracking

The Tracking adjustment removes the white lines that sometimes appear during playback because of slight differences in recording decks. The TRK button will automatically align the recorded tracks with the playback heads to solve this problem. You may also set tracking manually.

■ **Adjust Tracking Manually**
During playback, press the **CH/TRK ▲ / ▼** buttons to remove white lines from the picture.

● Timer Recording ● Remote Control ● Front Panel

Remote Control



POWER
Press to turn your VCR on and off.

CLEAR
Press to set counter to zero or to clear timer record programs.

SHUTTLE
Press to change speed during playback.

NUMBER BUTTONS
Press to select channels by assigned numbers.

F.ADV/SKIP
In play mode, press to skip ahead 30 seconds.
In still mode, press to advance one frame.

REC
Press to start VCR recording.

STOP, PLAY, REW, FF
Press to control cassette playback or to move a cursor in the on screen menu.

MENU
Press to display menu screen.

EJECT
Press to eject a tape.

SLOW
Press for slow-motion during playback.

INPUT SEL
Press to switch between line input or antenna.

DISPLAY
Press for on-screen information displays.

CH
Press to change channels.

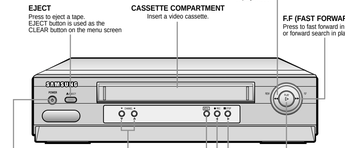
TRK
Press to reduce picture distortion during playback.

SEARCH/EXIT
Press to enter the variable search mode or to exit the on screen menu.

REPLAY
Press to repeat the last 5 seconds of tape during playback.

100
Press to select channels higher than 100. (followed by up to two additional number buttons)

Front Panel



REW (REWIND)
Press to rewind in stop mode or reverse search in play mode.

EJECT
Press to eject a tape.
EJECT button is used as the CLEAR button on the menu screen

CASSETTE COMPARTMENT
Insert a video cassette.

F.F (FAST FORWARD)
Press to fast forward in stop mode or forward search in play mode.

PLAY Press to play tape.

POWER
Press to turn the VCR on and off.

MENU
Press to display or clear the menu screen.

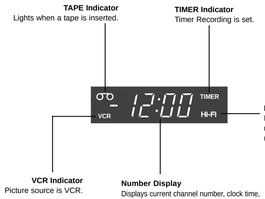
STOP Press to stop tape or press to move a cursor to the right on the menu screen.

CHANNEL ▼▲
Press to change channels or press to move a cursor up or down on the menu screen.

RECORD
Press to record or press to move a cursor to the left on the menu screen.

● Timer Recording ● Remote Control ● Front Panel

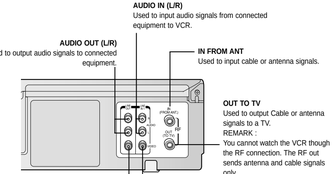
Display



Rear Panel

Use the jacks on the rear panel to connect the VCR to other components and signals, including: VCRs, TVs, stereo equipment, digital video components, antenna and cable signals.

Note: VR5460 has one Audio out on the rear panel.


AUDIO IN (L/R)
Used to input audio signals from connected equipment to VCR.
AUDIO OUT (L/R)
Used to output audio signals to connected equipment.
IN FROM ANT
Used to input cable or antenna signals.
OUT TO TV
Used to output Cable or antenna signals to a TV.
REMARK :
You cannot watch the VCR though the RF connection. The RF out sends antenna and cable signals only.
VIDEO OUT
Used to output video signals from VCR to connected equipment.
VIDEO IN
Used to input video signals from connected equipment to the VCR.

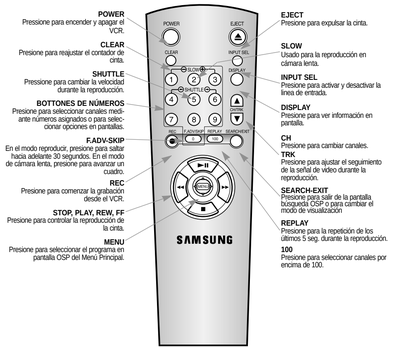
Specifications

Antenna input/output terminals:	UHF/VHF: 75 Ω F type connector	
Signal system:	Standard NTSC	
Recording/Playback system:	Recording: VHS format(SP, SLP)	
	Playback: VHS format(SP, LP, SLP)*	
	Video cassette with VHS mark	
Record/Play Time:	6 hours with T-120 in SLP mode	
Rewind Time:	approximately 100 seconds	
Power Source:	120V AC, 60Hz	
Power Output:	VR8460	App. 12watts on, 2.0watts off
	VR5460	
Dimensions:	360mm(W) X 84mm(H) X 240mm(D)	
	14.2"(W) X 3.3"(H) X 9.4"(D)	
Weight:	2.7kg/6.0lbs	

Your VCR can receive 68 broadcast TV channels or up to 125 unscrambled cable channels.

Check your local cable company for complete compatibility requirements.

Control remoto universal VCR, presione primero el botón


POWER
Pressione para encender y apagar el VCR.
CLEAR
Presione para reajustar el contador de cinta.
SHUTTLE
Pressione para cambiar la velocidad durante la reproducción.
BOTTONES DE NÚMEROS
Presione para seleccionar canales mediante números asignados o para seleccionar opciones en pantallas.
F.ADV-SKIP
En el modo reproducir, presione para saltar hacia adelante 30 segundos. En el modo de cámara lenta, presione para avanzar un cuadro.
REC
Presione para comenzar la grabación desde el VCR.
STOP, PLAY, REW, FF
Presione para controlar la reproducción de la cinta.
MENU
Presione para seleccionar el programa en pantalla OSP del Menú Principal.
EJECT
Presione para expulsar la cinta.
SLOW
Usado para la reproducción en cámara lenta.
INPUT SEL
Pressione para activar y desactivar la línea de entrada.
DISPLAY
Presione para ver información en pantalla.
CH
Presione para cambiar canales.
TRK
Presione para ajustar el seguimiento de la señal de video durante la reproducción.
SEARCH-EXIT
Presione para salir de la pantalla búsqueda OSP o para cambiar el modo de visualización
REPLAY
Presione para la repetición de los últimos 5 seg. durante la reproducción.
100
Presione para seleccionar canales por encima de 100.
SAMSUNG

CONEXIONES-CONFIGURACIÓN INICIAL(READY TO PLAY)

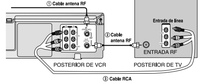
Precaución
- Realice la conexión de la antena o TV por cable antes de enchufar el cable de CA.
- La videograbadora iniciará automáticamente la fijación de las canales y del reloj al enchufar el cable de CA.

Conexiones Básicas / Automática

En esta sección, se conectará el VCR al televisor y se operará la programación automática (Auto Setup) que busca los canales automáticamente.

1. Conectar Antena / Cable a VCR ①

Conectar la antena cable RF desde la antena interior/exterior o la salida de cable a pared al jack IN (FROM ANT) en el panel posterior del VCR.



2. Conectar VCR a TV

Elegir uno de los siguientes métodos para conectar el VCR a la TV:

Conexión RF (Radio frecuencia)

Conectar el cable antena RF ② provisto desde el jack OUT (a la TV) en el panel posterior del VCR a la entrada de la antena de televisión.

Conexión de línea

Conectar un audio/videocable tipo RCA ③ (rojo, blanco, amarillo) desde los jacks LINE OUT en el panel posterior del VCR a los jacks Line In (entrada) de televisión. Usar rojo para el audio derecho, blanco para el audio izquierdo y amarillo para el video.

Para gozar del VCR, usted debe conectar el cable de RCA ③ y el cable de la antena del RF ②

Para ver el VCR, usted debe seleccionar el modo "Entrada de línea " en su TV.

OBSERVACIÓN: No puede ver el VCR mediante la conexión RF. La salida RF sólo envía señales de antena y de cable.

Precaución
- Si aprieta demasiado los cables coaxiales RF "tipo Nut", puede dañar el enchufe. Apriételos sólo con los dedos, sin herramientas.

Reproducción de cintas de videocasete

1. Encienda el TV e inserte un casete en el VCR.

Presione el botón de **PLAY**, si es necesario.

2. Después de unos pocos segundos de seguimiento automático, debería escucharse el sonido.

Para Realizar Ajuste de la Hora

1. Prenda el VCR y oprima el botón de MENU para obtener el Munú Principal. Oprima el botón de ▼ y ▶ para seleccionar el Ajuste de la hora.

2. Oprima el botón de ▲ / ▼ y ▶ para indicar la hora del día.

3. Oprima el botón de ▲ / ▼ y ▶ para indicar el mes, la fecha, y dos últimos números que correspondan al año.

4. Oprima el botón de MENU para concluir.

Para Cambiar la selección de idiomas

Del Menú Principal, oprima el botón de ▼ y ▶ para seleccionar ingles, español o francés.

Para Realizar Entrada de Ajuste de Canales

1. Oprima el botón de MENU Tras esto, oprima el botón de ▼ y ▶ para seleccinar el Ajuste de Canales.

2. Oprima el botón de ▼ y ▶ para comenzar la programación automática de canales.

Oprima el botón de ▼ y ▶ para comenzar la programación automática de canales.

SAMSUNG ELECTRONICS

SAMSUNG VIDEO CASSETTE RECORDER

LIMITED WARRANTY TO ORIGINAL PURCHASER

This SAMSUNG brand product, as supplied and distributed by Samsung Electronics America, Inc. (SAMSUNG) and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials and workmanship for a limited warranty period of:

Ninety (90) Days Labor and One (1) Year Parts

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the United States. To receive warranty service, the purchaser must contact SAMSUNG for problem determination and service procedures. Warranty service can only be performed by a SAMSUNG authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center. Transportation of the product to and from the service center is the responsibility of the purchaser.

SAMSUNG will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.

This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, noncommercial use of this product and shall not apply to the following, including, but not limited to: damage which occurs in shipment; delivery and installation; applications and uses for which this product was not intended; altered product or serial numbers; cosmetic damage or exterior finish; accidents, abuse, neglect, fire, water, lightning or other acts of nature; use of products, equipment, systems, utilities, services, parts, supplies, accessories, applications, installations, repairs, external wiring or connectors not supplied or authorized by SAMSUNG which damage this product or result in service problems; incorrect electrical line voltage, fluctuations and surges; customer adjustments and failure to follow operating instructions, cleaning, maintenance and environmental instructions that are covered and prescribed in the instruction book; product removal or reinstallation; reception problems and distortion related to noise, echo, interference or other signal transmission and delivery problems. SAMSUNG does not warrant uninterrupted or error-free operation of the product.

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Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

To obtain warranty service, please contact SAMSUNG at:

SAMSUNG ELECTRONICS AMERICA, INC.
CONSUMER ELECTRONICS CUSTOMER SERVICE
400 Valley Road, Suite 201, Mount Arlington,NJ 07856
Tel: 973-601-6000, Fax: 973-601-6001
1-800-SAMSUNG (1-800-726-7864)
www.samsungsupport.com

SAMSUNG

Video Cassette Recorder

Owner's Manual

VHS

VR8460
VR5460

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Limited Warranty 12

SAMSUNG ELECTRONICS AMERICA, INC.

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